**CLASSIFY-IT ASSESSMENT RUBRIC**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Score: \_\_\_\_/23**

**Individual Organism #: \_\_\_\_\_\_\_**

**Group Kingdom: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Access the **Classify-It** webquest at<http://classify-it.wikispaces.com/>.

**SCENARIO: The International Commission on Nomenclature (ICN) has hired you to fight the classification debate.** You have been hired as a researcher and your first task is to investigate the defining characteristics of an assigned organism. The ICN needs you to bring your expertise to a meeting with other organism experts from your Kingdom to discuss the further development of the classification system. There is one problem, the official documents containing the Kingdom committee names have been lost!! You and your colleagues must use your knowledge of your organism to determine your Kingdom committee. The ICN now calls on your group for advice. Your job is to convince the ICN board of the effectiveness or ineffectiveness of your Kingdom; is your Kingdom effective or is it NOT an effective way to classify your group of organisms. You will use piratepad.net to present your position to the ICN board of directors.

Group Task:

1. **Piratepad.net:** [www.piratepad.net](http://www.piratepad.net) Select a team leader from your group to log onto priatepad.net. Your leader should create a pad and then share the code (after the backslash) with the other group members. Each group member should sign using your first name to join the site and receive a specific color code which indicates your contribution to the pad. You will use the electronic whiteboard to collaborate with your group members, organize and present your information for this project.

**You could make history and change the international classification system, so make your claim wisely and support it with evidence!**

[](http://www.google.com/imgres?q=classification&um=1&hl=en&qscrl=1&nord=1&rlz=1T4GGNI_enUS465US466&biw=1440&bih=773&tbm=isch&tbnid=qtnqJDfgDeJ7_M:&imgrefurl=http://www.topsecretwriters.com/2010/09/executive-order-13526-declassifying-national-security-information/&docid=Zi7Q2KDT4nD1VM&imgurl=http://www.topsecretwriters.com/wp-content/uploads/2010/09/classified.gif&w=378&h=360&ei=cwQZT5qjNo7gggfekqj3Cw&zoom=1)



**Individual Task**

You must receive a 100% on the individual task before proceeding to the group task. Use the Individual Organism Guide to write down characteristics of your assigned organism. Get your teacher’s initials at the bottom of the page before proceeding to the group task.

**Characteristics of Organism:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of Organism** | **2** | **1.75** | **1.5** | **1.25** | **1** | **.75** | **.5** | **.25** | **0** | **Score/2** |
| * Name the organism using the 8 levels of classification. | All 8 levels are identified | 7 levels correctly identified | 6 levels correctly identified | 5 levels correctly identified | 4 levels correctly identified | 3 levels correctly identified | 2 levels correctly identified | 1 level correctly identified | Missing all classification | Total Score  \_\_\_\_\_\_\_/1 |

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| --- | --- | --- | --- | --- |
| **Cytology:** | **2** | **1** | **0** | **Score** |
| * Describe the cellular make-up of your organism. Use terms like; prokaryotic, eukaryotic, plant, animal, multicellular, unicellular, etc. * Describe what makes up your organism’s cells. Explain key structures or organelles contributing to the uniqueness of your organism. | Meets both requirements for the cellular description of your organism. | Meets 1 of 2 requirements for the cellular description of your organism. | Description of the cellular make-up of your organism is not present. | Total Score  \_\_\_\_\_\_\_/2 |

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| --- | --- | --- | --- | --- |
| **Ecology** | **2** | **1** | **0** | **Score** |
| * Identify and explain your organism’s habitat. * Describe how your organism acquires energy; heterotrophic, autotrophic, etc. | Meets all requirements for the ecological description of your organism. | Meets 1 of the 2 requirements for the ecological description of your organism. | Fails to meet the requirements for the ecological description of your organism. | Total Score  \_\_\_\_\_\_/2 |

Score for Individual Task: \_\_\_\_\_\_\_/ 5

Teacher’s Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Group Task**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **The Classification Debate Guide** | **3** | **2** | **1** | **0** | **Score x 2** |
| * Claim is clearly stated on whether or not your kingdom will be used to classify your organism in 10 years. * Identify 3 pieces of evidence supporting the position you took. * Use examples to support your evidence. | Position and hypothesis are clearly stated, 3 pieces of evidence are given along with examples. | 2 components of the classification debate guide are present. | 1 component of the classification debate guide is present. | Failed to complete the classification debate guide. | Total Score  \_\_\_\_\_\_\_\_/6 |

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| **Kingdom Presentation** | **4** | **3** | **2** | **1** | **0** | **Score x 2** |
| * Group members each present an equal portion of their kingdom project. * Clearly identifies the defining characteristics of the kingdom. * Includes the group’s position on the classification debate. * Piratepad is well organized and clear in portraying the information. | Meets all presentation requirements. | Meets 3 of the presentation requirements. | Meets 2 of the presentation requirements. | Meets 1 of the presentation requirements | Fails to meet presentation requirements | Total Score  \_\_\_\_\_\_/8 |

(To be completed by teacher) Individual Average Score: = \_\_\_\_\_\_\_\_/# of group members = \_\_\_\_\_\_/4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Evaluation** | **2** | **1** | **0** | **Score x 2** |
| Mark a rating for each group member and yourself by placing a check in the appropriate column.  **Group Member Name:** | Group member made 2 or more significant contributions to the group project. | Group member made 1small contribution to the group project. | Group member failed to contribute to the group project. | Total Score  \_\_\_\_\_\_\_\_/4 |
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